

EPGN, 23-110aa, Human, His tag, E.coli

Cat.NO.: TP02028

3th Edition

Synonyms: epigen isoform 1 precursor, ALGV3072, EPG, PRO9904

Description: EPGN is a member of the epidermal growth factor family. Members of this family are ligands for the epidermal growth factor receptor and play a role in cell survival, proliferation and migration. This protein has been reported to have high mitogenic activity but low affinity for its receptor. Expression of this transcript and protein has been reported in cancer specimens of the breast, bladder, and prostate. Alternative splicing results in multiple transcript variants. Recombinant human EPGN, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

Molecular Weight: 12.1kDa (111aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSAAVTVTPPITAQQGNWTVNKTADNIEGPIALKFSLCLEDHNSYCINGACAF
HHELEKAICRCFTGYTGERCEHLTLTSYAVDSYEK

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.